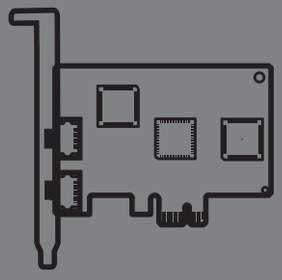
AVerMedia®

AVerMedia DarkCrystal HD Capture SDK

C727



English

Quick Guide

1 Package Contents

Quick Installation Guide

Installation CD

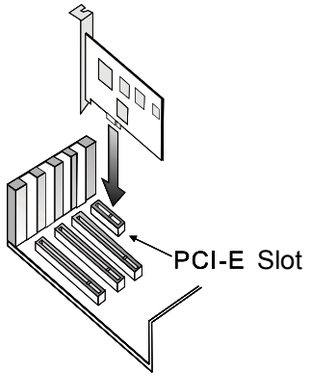
Dongle Cable

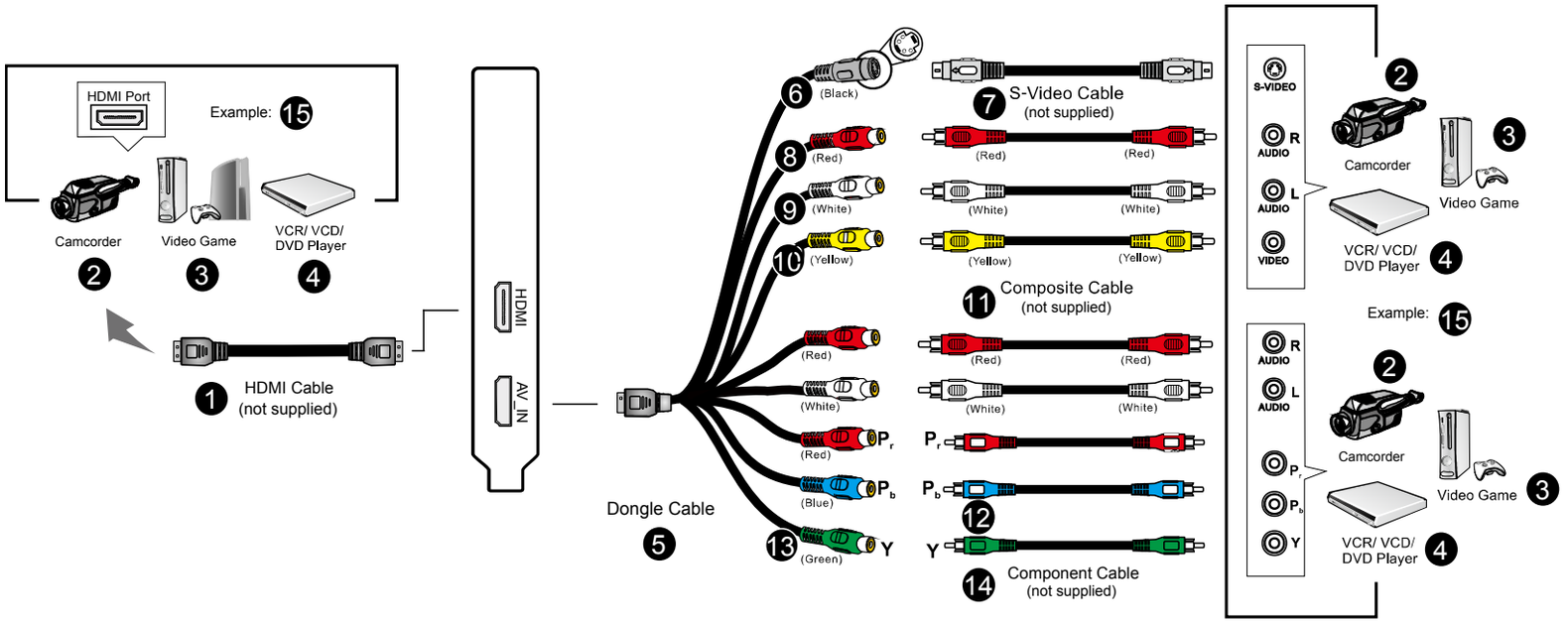
Low profile bracket

2 Hardware Installation

Installating the device

1. Turn off and unplug the PC from wall outlet.
2. Remove the pc case.
3. Insert the device into an empty PCI-E expansion slot on the motherboard.
4. Replace the case back.





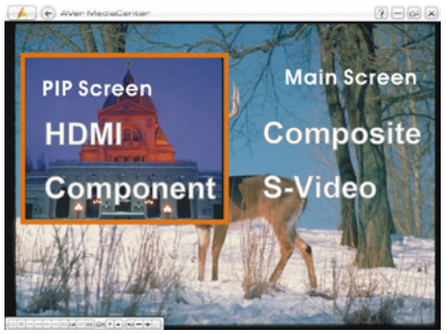
Making the Connections

1	HDMI Cable (not supplied)	9	(White)
2	Camcorder	10	(Yellow)
3	Video Game	11	Composite Cable (not supplied)
4	VCR/VCD/DVD Player	12	(Blue)
5	Dongle Cable	13	(Green)
6	(Black)	14	Component Cable (not supplied)
7	S-Video Cable (not supplied)	15	Example
8	(Red)		

1. **AVerMedia DarkCrystal HD Capture SDK** is compatible with all range of Audio-Video Receivers. Via HDMI* or Component** Inputs, you can enjoy High-Definition Multimedia right on your desktop computer. For example without any delays in real time, you can Play Video Games Consoles such as PlayStation 3; enjoy watching Blue-ray movies through Blue-ray players. Even more, with **AVerMedia DarkCrystal HD Capture SDK**, you can record your home videos from Personal Camera connected via HDMI or Component connector. **AVerMedia DarkCrystal HD Capture SDK** equipped with standard definition S-Video and Composite inputs so you can transfer your favorite VCR Video Tapes in Digital Format or record your success in winning Video Games from PlayStation 3.

* To preview HDMI source with HDCP (High-Bandwidth Digital Content Protection) encryption, a copy-protection scheme of HDMI specification, your HDMI display devices must be HDCP compliant. Please note that HDMI contents with HDCP encryption cannot be recorded.
** Copyrighted content cannot be recorded.

2. With AVer MediaCenter PIP (Picture-In-Picture) / PBP (Picture-By-Picture) display mode you can simultaneously enjoy HDMI or Component video in one window and in the other window watch video from composite video or S-video sources. For more information, please refer to the user's manual.



3 Driver and the Application Installation

After the device is installed properly, turn on the computer. The system will automatically detect the new device. Simply skip the wizard, and insert the supplied installation CD to install the driver and software utility.

Found New Hardware Wizard
Welcome to the Found New Hardware Wizard
Windows will search for current and updated software by looking on your computer, on the hardware installation CD, or on the Windows Update Web site (with your permission).
Read our privacy policy
Can Windows connect to Windows Update to search for software?
Yes, this time only
Yes, now and every time I connect a device
No, not this time
Click Next to continue.
< Back
Next >
Cancel

Installing Drivers and the Application in Windows XP

1. If the **Found New Hardware Wizard** dialog box pops up, click **Cancel** to skip the **Wizard** installation procedures.
2. Place the installation CD into the CD-ROM drive.
3. When the installation main screen pops up, click **Install Driver** to activate **C727** Capture card and then **Install AVer MediaCenter**.
4. Click **Next** to continue the installation process.
5. Read the license agreement and if you agree to the terms, check “I accept the terms of the license agreement” and then click **Next**.
6. Check **Complete** to install the complete set of software, including **AVer MediaCenter**, **Acrobat Reader**, **DirectX 9.0c** and Drivers. Then click **Next** to continue. Advanced users can check **Custom** to select only the desired software. To select a different destination folder, click **Browse**.
7. If the “InstallShield Wizard” dialog box promps you to restart your computer to complete the installation process, click **Yes**. If not, click **Finish** to complete the installation**.**

Installing Drivers and the Application in Windows Vista™/ Windows 7

1. If the **Found New Hardware Wizard** dialog box pops up, click **Cancel** to skip the **Wizard** installation instructions.
2. Place the installation CD into the CD-ROM drive.
3. When the “AutoPlay” dialog box pops up, select **Run Autorun.exe**.
4. When the installation main screen pops up, click **Install Driver** to activate **C727** Capture card, and then **Install AVer MediaCenter**.
5. If the “User Account Control” dialog box pops up, click **Allow** / **Yes** to continue the process.

Model No.: C727
P/N 300AC727-DHF
Made in Taiwan

6. Click **Next** to continue the installation process.
7. Read the license agreement and if you agree to the terms, check“I accept the terms of the license agreement” and then click **Next**.
8. Check **Complete** to install the complete set of software, including **AVer MediaCenter**, **Acrobat Reader**, **DirectX 9.0c** and Driver. Then click **Next**. Advanced users can check **Custom** to select only the desired software. To select a different destination folder, click **Browse**.
9. Then click **Finish** to complete the installation.

4 Activating the Application

To run the application from the **Programs** menu, go to **Start →Programs → AVerMedia → AVer MediaCenter → AVer MediaCenter**.

5 Uninstalling Application and Drivers

Windows XP

To remove the installed software utility from the operation system, go to **Start → Programs → AVerMedia → AVer MediaCenter → Uninstaller → Remove All → Next → OK → Finish**.

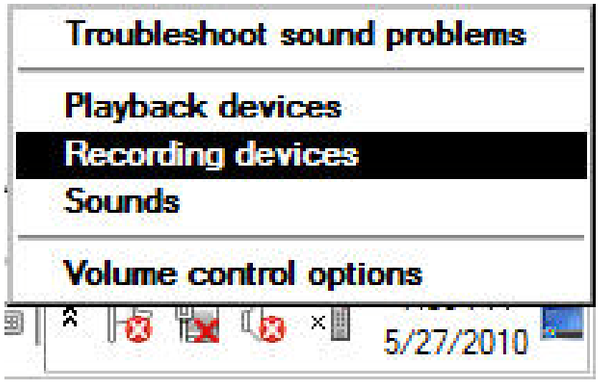
Windows Vista™ / Windows 7

1. To remove the installed application from the operation system, go to **Start → All Programs → AVerMedia → AVer MediaCenter → Uninstaller**.
2. When the “User Account Control” dialog box pops up, click **Allow / Yes**.
3. Check **Remove All → Next→ OK → Finish**.

6 Important Information

1. If **DirectX 9.0c** or above is not installed in your system, the installation CD will automatically install it during the process of installation. Make sure your system has DirectX 9.0c or above installed so that the software utility can function properly.
2. If your system doesn't have **Acrobat Reader**, the installation wizard will automatically be called up during the process of installation.
3. You might encounter the following problems when using **Adobe Premiere Pro CS4** in hardware environment installed a **C727** device. **Adobe Premiere Pro CS4** starts up utilizing the default audio capture device for the operation system; therefore, if you set **C727** to be the default audio capture device, with **C727**'s Audio/ Video filter, **Adobe Premiere** will take up **C727** and cause the plug-ins unable to utilize **C727** normally. To solve the problem described above, take either of the following steps:

3.1 Before using **Adobe Premiere Pro CS4**, right click **Volume** icon on the lower right of Windows screen and select **Recording Devices** or go to **Start** -> **Control Panel** -> **Sounds and Audio Devices** to disable **C727** to be the default audio capture device. In this case, you need to enable **C727** to be the default audio capture device before using applications such



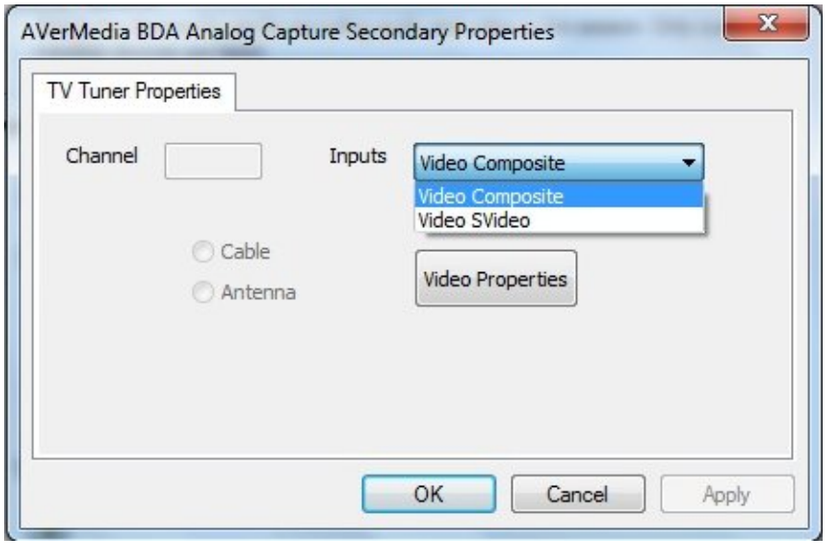
as **WME9**, **AMCAP**, **Adobe Flash Media Live Encoder**.

3.2 Before using **Adobe Premiere Pro CS4**, go to **Control Panel -> Sound -> Recording** and set one of the other devices as the default audio capture device.

4. To import **Component** and **HDMI** video sources via a 3rd party software under **Microsoft Windows** OS, please follow the instructions below.

4.1 When selecting a secondary route from the video input dropdown menu, select **Composite** for **Component**.

4.2 When selecting a secondary route from the video input dropdown menu, select **SVideo** for **HDMI**.



5. **AVerMedia DarkCrystal HD Capture SDK** also provides you with open source codes in the installation CD. Click **SDK Installation** and follow the instructions to complete the installation. Go to **All Programs** -> **AVerMedia EZCapture**. Use **C727 SDKDemoAP_Delphi/ VB/ VC** testing tools for function development and refer to **Filter SDK Document/ SDK Specisfication** function development documents for more information on function development.